

GP-302276

MULTI-SPEED POWER TRANSMISSION

ABSTRACT OF THE DISCLOSURE

A powertrain includes a planetary gear arrangement, an engine, an input clutch, an input shaft, and an output shaft. The planetary gear arrangement includes a simple planetary gearset and a compound planetary gearset, each of which has connected therewith three synchronizer mechanisms. The synchronizer mechanisms are manipulated in various combinations to establish ten forward speed ratios and one reverse speed ratio between the input shaft and the output shaft.